

USPTO PATENT FULL-TEXT AND IMAGE DATABASE[Home](#)[Quick](#)[Advanced](#)[Pat Num](#)[Help](#)[Bottom](#)[View Cart](#)*Searching 1976 to present...***Results of Search in 1976 to present db for:**

("correlation between training" AND test): 12 patents.

Hits 1 through 12 out of 12

[Jump To](#)[Refine Search](#)

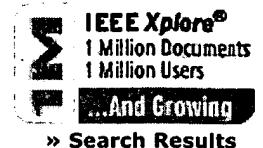
"correlation between training" and test

PAT. NO. Title

- 1 [6,324,282](#) T Method and system for delivery of individualized training to call center agents
- 2 [6,302,576](#) T Soft decision estimation unit and maximum-likelihood sequence estimation unit
- 3 [5,839,103](#) T Speaker verification system using decision fusion logic
- 4 [5,826,249](#) T Historical database training method for neural networks
- 5 [5,640,493](#) T Historical database training method for neural networks
- 6 [5,537,488](#) T Pattern recognition system with statistical classification
- 7 [5,408,586](#) T Historical database training method for neural networks
- 8 [5,282,261](#) T Neural network process measurement and control
- 9 [5,224,203](#) T On-line process control neural network using data pointers
- 10 [5,212,765](#) T On-line training neural network system for process control
- 11 [5,167,009](#) T On-line process control neural network using data pointers
- 12 [5,121,467](#) T Neural network/expert system process control system and method

[Top](#)[View Cart](#)[Home](#)[Quick](#)[Advanced](#)[Pat Num](#)[Help](#)


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
Quick Links
Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise

- Access the IEEE Enterprise File Cabinet

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

 **PORTAL**
US Patent & Trademark Office

Subscribe (Full Service) Register (Limited Service, Free) Login
Search: The ACM Digital Library The Guide

THE ACM Digital Library

 Feedback Report a problem Satisfaction survey

Terms used **correlation between training** and **test**

Found 50,032 of 147,060

Sort results by relevance Save results to a Binder
 Search Tips
 Display results expanded form Open results in a new window

Try an Advanced Search
 Try this search in The ACM Guide

Results 1 - 20 of 200

Result page: **1** [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale 

1 An evaluation of animated demonstrations of learning computer-based tasks 

Susan Palmiter, Jay Elkerton

March 1991 **Proceedings of the SIGCHI conference on Human factors in computing systems: Reaching through technology**

Full text available:  pdf(865.02 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

2 A case for interaction: a study of interactive information retrieval behavior and effectiveness 

Jürgen Koenemann, Nicholas J. Belkin

April 1996 **Proceedings of the SIGCHI conference on Human factors in computing systems: common ground**

Full text available:  pdf(1.18 MB)  html(42.88 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: empirical studies, evaluation, information retrieval, relevance feedback, user interfaces

3 Manufacturing applications: Manufacturing 1: simulation-based analysis of a complex printed circuit board testing process 

Jeffrey S. Smith, Yali Li, Jason Gjesvold

December 2002 **Proceedings of the 34th conference on Winter simulation: exploring new frontiers**

Full text available:  pdf(177.73 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

This paper describes a simulation-based analysis of a printed circuit board (PCB) testing process. The PCBs are used in a defense application and the testing process is fairly complex. Boards are mounted on a test unit in batches and go through three thermal test cycles. As boards fail testing during the thermal cycling, operators can either replace the failed boards at fixed points during the cycling or can allow the test unit to complete the testing cycle before removing failed boards. The ...

4 Modeling methodology b: Improving the model development process: model testing: is it only a special case of software testing? 

C. Michael Overstreet

December 2002 **Proceedings of the 34th conference on Winter simulation: exploring new frontiers**

Full text available:  pdf(201.11 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Effective testing of software is an important concern in the software engineering community. While many techniques regularly used for testing software apply equally well to testing the implementations of simulation models, we believe that testing simulations often raises issues that occur infrequently in other types of software. We believe that many code characteristics that commonly occur in simulation code are precisely those that the software testing community has identified as making test ...

5 Improving student performance by evaluating how well students test their own programs 

Stephen H. Edwards

September 2003 **Journal on Educational Resources in Computing (JERIC)**, Volume 3 Issue 3

Full text available:  pdf(347.57 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Students need to learn more software testing skills. This paper presents an approach to teaching software testing in a way that will encourage students to practice testing skills in many classes and give them concrete feedback on their testing performance, without requiring a new course, any new faculty resources, or a significant number of lecture hours in each course where testing will be practiced. The strategy is to give students basic exposure to test-driven development, and then provide ...

Keywords: agile methods, extreme programming, teaching software testing, test-driven development, test-first coding

6 On Compacting Test Response Data Containing Unknown Values 

Chen Wang, Sudhakar M. Reddy, Irith Pomeranz, Janusz Rajski, Jerzy Tyszer

November 2003 **Proceedings of the 2003 IEEE/ACM international conference on Computer-aided design**

Full text available:  pdf(180.56 KB) Additional Information: [full citation](#), [abstract](#)

The design of a test response compactor called a Block Compactor is given. Block Compactors belong to a new class of compactors called Finite Memory Compactors. Different from space compactors, finite memory compactors contain memory elements. Also unlike time compactors, finite memory compactors have finite impulse response. These properties give finite memory compactors the ability to achieve higher compaction ratios than space compactors and still be able to tolerate unknown values in test responses. ...

7 Hardware/Software Co-testing of Embedded Memories in Complex SOCs 

Bai Hong Fang, Qiang Xu, Nicola Nicolici

November 2003 **Proceedings of the 2003 IEEE/ACM international conference on Computer-aided design**

Full text available:  pdf(145.29 KB) Additional Information: [full citation](#), [abstract](#)

A novel approach for testing embedded memories in complex systems-on-a-chip (SOCs) is presented. The proposed solution aims to balance the usage of the existing on-chip resources and dedicated design for test (DFT) hardware such that the functional power constraints are not exceeded during test while trading-off the testing time against DFT area and performance overhead. The suitability of software-centric and hardware-centric approaches for embedded memory testing is examined and to combine the advanta ...

8

Using a Distributed Rectangle Bin-Packing Approach for Core-based SoC Test 

Scheduling with Power Constraints

Yu Xia, Małgorzata Chrzanowska-Jeske, Benyi Wang, Marcin Jeske

November 2003 **Proceedings of the 2003 IEEE/ACM international conference on Computer-aided design**

Full text available:  pdf(265.05 KB) Additional Information: [full citation](#), [abstract](#)

We present a new algorithm to co-optimize test scheduling and wrapper design under power constraints for core-based SoCs (System on Chip). Core testing solutions are generated as a set of wrapper designs, each represented by a rectangle with width equal to the test time and height equal to the number of TAM (Test Access Mechanism) wires used. The test-scheduling problem with power constraints is formulated as the distributed rectangle bin-packing problem, which allows wrapper pins to be assigned to non ...

9 TAM Optimization for Mixed-Signal SOCs using Analog Test Wrappers

Anuja Sehgal, Sule Ozev, Krishnendu Chakrabarty

November 2003 **Proceedings of the 2003 IEEE/ACM international conference on Computer-aided design**

Full text available:  pdf(167.79 KB) Additional Information: [full citation](#), [abstract](#)

We present a new approach for TAM optimization and test scheduling in the modular testing of mixed-signal SOCs. A test planning approach for digital SOCs is extended to handle analog cores in a plug-and-play fashion. A test wrapper based on an ADC/DAC pair and a digital configuration circuit is designed for analog cores such that these cores can be accessed through digital TAMs. In this way, there is no dependence on an analog test bus and expensive mixed-signal testers. Experimental results are presented ...

10 Partial Core Encryption for Performance-Efficient Test of SOCs

Ozgur Sinanoglu, Alex Orailoglu

November 2003 **Proceedings of the 2003 IEEE/ACM international conference on Computer-aided design**

Full text available:  pdf(140.35 KB) Additional Information: [full citation](#), [abstract](#)

The isolation of a core through full I/O scan helps ease SOC test challenges; yet the performance of high-speed SOCs is significantly hampered. We propose a partial core encryption methodology wherein the core vendor unveils only a small part of the core logic, successfully satisfying core IP protection requirements. Once the partially encrypted cores are merged into an SOC, the system integrator performs test generation on the visible SOC logic only, greatly reducing the test generation effort expenditure ...

11 Experience reports: testing and fault correction: Requirements discovery during the testing of safety-critical software

Robyn R. Lutz, Inés Carmen Mikulski

May 2003 **Proceedings of the 25th International Conference on Software Engineering**

Full text available:  pdf(650.94 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

 Publisher Site

This paper describes the role of requirements discovery during the testing of a safety-critical software system. Analysis of problem reports generated by the integration and system testing of an embedded, safety-critical software system identified four common mechanisms for requirements discovery and resolution during testing: (1) Incomplete requirements, resolved by changes to the software, (2) Unexpected requirements interactions, resolved by changes to the operational procedures, (3) Requirements ...

12 Experience reports: testing and fault correction: Assessing test-driven development at IBM

E. Michael Maximilien, Laurie Williams

May 2003 Proceedings of the 25th International Conference on Software EngineeringFull text available:  pdf(572.29 KB) Publisher SiteAdditional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

In a software development group of IBM Retail Store Solutions, we built a non-trivial software system based on a stable standard specification using a disciplined, rigorous unit testing and build approach based on the test- driven development (TDD) practice. Using this practice, we reduced our defect rate by about 50 percent compared to a similar system that was built using an ad-hoc unit testing approach. The project completed on time with minimal development productivity impact. Additionally, ...

13 Technical papers: testing II: Data flow testing as model checking 

Hyoungh Seok Hong, Sung Deok Cha, Insup Lee, Oleg Sokolsky, Hasan Ural

May 2003 Proceedings of the 25th International Conference on Software EngineeringFull text available:  pdf(1.00 MB) Additional Information: [full citation](#), [abstract](#), [references](#) Publisher Site

This paper presents a model checking-based approach to data flow testing. We characterize data flow oriented coverage criteria in temporal logic such that the problem of test generation is reduced to the problem of finding witnesses for a set of temporal logic formulas. The capability of model checkers to construct witnesses and counterexamples allows test generation to be fully automatic. We discuss complexity issues in minimal cost test generation and describe heuristic test generation algorithm ...

14 Technical papers: testing II: A framework for component deployment testing 

Antonia Bertolino, Andrea Polini

May 2003 Proceedings of the 25th International Conference on Software EngineeringFull text available:  pdf(1.34 MB) Additional Information: [full citation](#), [abstract](#), [references](#) Publisher Site

Component-based development is the emerging paradigm in software production, though several challenges still slow down its full taking up. In particular, the "component trust problem" refers to how adequate guarantees and documentation about a component's behaviour can be transferred from the component developer to its potential users. The capability to test a component when deployed within the target application environment can help establish the compliance of a candidate component to the cust ...

15 Technical papers: testing II: Fragment class analysis for testing of polymorphism in Java software 

Atanas Rountev, Ana Milanova, Barbara G. Ryder

May 2003 Proceedings of the 25th International Conference on Software EngineeringFull text available:  pdf(1.13 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#) Publisher Site

Adequate testing of polymorphism in object-oriented software requires coverage of all possible bindings of receiver classes and target methods at call sites. Tools that measure this coverage need to use *class analysis* to compute the coverage requirements. However, traditional whole-program class analysis cannot be used when testing partial programs. To solve this problem, we present a general approach for adapting whole-program class analyses to operate on program fragments. Furthermore, ...

16 Technical papers: testing I: Improving test suites via operational abstraction 

Michael Harder, Jeff Mellen, Michael D. Ernst

May 2003 Proceedings of the 25th International Conference on Software Engineering

Full text available:   pdf(1.31 MB)  Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)
[Publisher Site](#)

This paper presents the operational difference technique for generating, augmenting, and minimizing test suites. The technique is analogous to structural code coverage techniques, but it operates in the semantic domain of program properties rather than the syntactic domain of program text. The operational difference technique automatically selects test cases; it assumes only the existence of a source of test cases. The technique dynamically generates operational abstractions (which describe obser ...

17 Technical papers: testing I: Improving web application testing with user session data 

Sebastian Elbaum, Srikanth Karre, Gregg Rothermel

May 2003 **Proceedings of the 25th International Conference on Software Engineering**

Full text available:  pdf(1.19 MB)  Additional Information: [full citation](#), [abstract](#), [references](#)
[Publisher Site](#)

Web applications have become critical components of the global information infrastructure, and it is important that they be validated to ensure their reliability. Therefore, many techniques and tools for validating web applications have been created. Only a few of these techniques, however, have addressed problems of testing the functionality of web applications, and those that do have not fully considered the unique attributes of web applications. In this paper we explore the notion that user s ...

18 Technical papers: testing I: Constructing test suites for interaction testing 

Myra B. Cohen, Peter B. Gibbons, Warwick B. Mugridge, Charles J. Colbourn

May 2003 **Proceedings of the 25th International Conference on Software Engineering**

Full text available:  pdf(975.28 KB)  Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)
[Publisher Site](#)

Software system faults are often caused by unexpected interactions among components. Yet the size of a test suite required to test all possible combinations of interactions can be prohibitive in even a moderately sized project. Instead, we may use pairwise or t-way testing to provide a guarantee that all pairs or t-way combinations of components are tested together. This concept draws on methods used in statistical testing for manufacturing and has been extended to software system testing. A cov ...

19 Technical papers: program analysis: Visualization of test information to assist fault localization 

James A. Jones, Mary Jean Harrold, John Stasko

May 2002 **Proceedings of the 24th International Conference on Software Engineering**

Full text available:  pdf(1.45 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

One of the most expensive and time-consuming components of the debugging process is locating the errors or faults. To locate faults, developers must identify statements involved in failures and select suspicious statements that might contain faults. This paper presents a new technique that uses visualization to assist with these tasks. The technique uses color to visually map the participation of each program statement in the outcome of the execution of the program with a test suite, consisting ...

20 Technical papers: software testing: Automated test case generation for spreadsheets 

Marc Fisher, Mingming Cao, Gregg Rothermel, Curtis R. Cook, Margaret M. Burnett

May 2002 **Proceedings of the 24th International Conference on Software Engineering**

Full text available:  pdf(1.47 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Spreadsheet languages, which include commercial spreadsheets and various research systems, have had a substantial impact on end-user computing. Research shows, however, that spreadsheets often contain faults. Thus, in previous work, we presented a methodology that assists spreadsheet users in testing their spreadsheet formulas. Our empirical studies have shown that this methodology can help end-users test spreadsheets more adequately and efficiently; however, the process of generating test cases ...

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)

 **PORTAL**
US Patent & Trademark Office

Subscribe (Full Service) Register (Limited Service, Free) Login
Search: The ACM Digital Library The Guide

 Feedback Report a problem Satisfaction survey

Terms used correlation between training and test

Found 50,032 of 147,060

Sort results by relevance Save results to a Binder
 Search Tips
 Display results expanded form Open results in a new window

Try an Advanced Search
 Try this search in The ACM Guide

Results 21 - 40 of 200 Result page: previous 1 2 3 4 5 6 7 8 9 10 next

Best 200 shown

Relevance scale **21 Technical papers: software testing: The impact of test suite granularity on the cost-effectiveness of regression testing**

Gregg Rothermel, Sebastian Elbaum, Alexey Malishevsky, Praveen Kallakuri, Brian Davia
 May 2002 **Proceedings of the 24th International Conference on Software Engineering**

Full text available:  pdf(1.37 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Regression testing is an expensive testing process used to validate software following modifications. The cost-effectiveness of regression testing techniques varies with characteristics of test suites. One such characteristic, test suite granularity, involves the way in which test inputs are grouped into test cases within a test suite. Various cost-benefits tradeoffs have been attributed to choices of test suite granularity, but almost no research has formally examined these tradeoffs. To address ...

22 Technical papers: software testing: A history-based test prioritization technique for regression testing in resource constrained environments

Jung-Min Kim, Adam Porter
 May 2002 **Proceedings of the 24th International Conference on Software Engineering**

Full text available:  pdf(1.14 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Regression testing is an expensive and frequently executed maintenance process used to revalidate modified software. To improve it, regression test selection (RTS) techniques strive to lower costs without overly reducing effectiveness by carefully selecting a subset of the test suite. Under certain conditions, some can even guarantee that the selected test cases perform no worse than the original test suite. But this ignores certain software development realities such as resource and time constraints ...

Keywords: empirical study, prioritization, regression testing, test history

23 Incorporating varying test costs and fault severities into test case prioritization

Sebastian Elbaum, Alexey Malishevsky, Gregg Rothermel
 July 2001 **Proceedings of the 23rd International Conference on Software Engineering**

Full text available:  pdf(885.24 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)
 Publisher Site

Test case prioritization techniques schedule test cases for regression testing in an order

that increases their ability to meet some performance goal. One performance goal, *rate of fault detection*, measures how quickly faults are detected within the testing process. In previous work we provided a metric, APFD, for measuring rate of fault detection, and techniques for prioritizing test cases to improve APFD, and reported the results of experiments using those techniques. This met ...

Keywords: fault severity, rate of fault detection, regression testing, test case prioritization, test cost

24 An explorative journey from architectural tests definition down to code tests execution

Antonia Bertolino, Paola Inverardi, Henry Muccini

July 2001 **Proceedings of the 23rd International Conference on Software Engineering**

Full text available:  [pdf\(496.50 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)
 [Publisher Site](#)

Our research deals with the use of the Software Architecture (SA) as a reference model for the conformance testing of the implemented system with respect to its architectural specification, at the integration test level. Having formerly identified an approach to derive architectural test plans, we investigate here the practical meaning of a high level test case defined in terms of architectural processes and messages, such as the ones derived by our approach. Indeed, establishing a relatio ...

25 The specification and testing of quantified progress properties in distributed systems

Prakash Krishnamurthy, Paolo A. G. Sivilotti

July 2001 **Proceedings of the 23rd International Conference on Software Engineering**

Full text available:  [pdf\(149.64 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)
 [Publisher Site](#)

There are two basic parts to the behavioral specification of distributed systems: safety and progress. In earlier work, we developed a tool to monitor progress properties of CORBA components specified using the temporal operator transient. In this paper, we address the specification and testing of transient properties that are quantified (over both bounded and unbounded domains).

We categorize typical quantifications that arise in practical systems and discuss possibl ...

26 Analysis and testing of Web applications

Filippo Ricca, Paolo Tonella

July 2001 **Proceedings of the 23rd International Conference on Software Engineering**

Full text available:  [pdf\(167.58 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)
 [Publisher Site](#)

The economic relevance of Web applications increases the importance of controlling and improving their quality. Moreover, the new available technologies for their development allow the insertion of sophisticated functions, but often leave the developers responsible for their organization and evolution. As a consequence, a high demand is emerging for methodologies and tools for quality assurance of Web based systems.

In this paper, a UML model of Web applications is proposed for their ...

Keywords: UML modeling, code analysis, reverse engineering, testing, web applications

Testing: a roadmap

Mary Jean Harrold

May 2000 Proceedings of the Conference on The Future of Software EngineeringFull text available:  pdf(1.19 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**28 Network intrusions: Testing network-based intrusion detection signatures using mutant exploits**

Giovanni Vigna, William Robertson, Davide Balzarotti

October 2004 Proceedings of the 11th ACM conference on Computer and communications securityFull text available:  pdf(197.42 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Misuse-based intrusion detection systems rely on models of attacks to identify the manifestation of intrusive behavior. Therefore, the ability of these systems to reliably detect attacks is strongly affected by the quality of their models, which are often called "signatures." A perfect model would be able to detect all the instances of an attack without making mistakes, that is, it would produce a 100% detection rate with 0 false alarms. Unfortunately, writing good models (or good signatures) ...

Keywords: intrusion detection, quality metrics, security testing**29 TEsting and reliability: Using an SQL coverage measurement for testing database applications**

María José Suárez-Cabal, Javier Tuya

October 2004 Proceedings of the 12th ACM SIGSOFT twelfth international symposium on Foundations of software engineeringFull text available:  pdf(256.74 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Many software applications have a component based on database management systems in which information is generally handled through SQL queries embedded in the application code. When automation of software testing is mentioned in the research, this is normally associated with programs written in imperative and structured languages. However, the problem of automated software testing applied to programs that manage databases using SQL is still an open issue. This paper presents a measurement of ...

Keywords: SQL testing, database testing, software testing, statement coverage, verification and validation**30 TEsting and reliability: Scaling regression testing to large software systems**

Alessandro Orso, Nanjuan Shi, Mary Jean Harrold

October 2004 Proceedings of the 12th ACM SIGSOFT twelfth international symposium on Foundations of software engineeringFull text available:  pdf(303.42 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

When software is modified, during development and maintenance, it is <i>regression tested</i> to provide confidence that the changes did not introduce unexpected errors and that new features behave as expected. One important problem in regression testing is how to select a subset of test cases, from the test suite used for the original version of the software, when testing a modified version of the software. Regression-test-selection techniques address this problem. Safe regression-te ...

Keywords: regression testing, software evolution, software maintenance, test selection, testing

31 Laws and applications: Privacy preserving database application testing

Xintao Wu, Yongge Wang, Yuliang Zheng

October 2003 **Proceedings of the 2003 ACM workshop on Privacy in the electronic society**Full text available:  pdf(175.62 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Traditionally, application software developers carry out their tests on their own *local development* databases. However, such local databases usually have only a small number of sample data and hence cannot simulate satisfactorily a live environment, especially in terms of performance and scalability testing. On the other hand, the idea of testing applications over *live production* databases is increasingly problematic in most situations primarily due to the fact that such use of liv ...

Keywords: database application testing, indistinguishability, privacy**32 Use case-based testing of product lines**

Antonia Bertolino, Stefania Gnesi

September 2003 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 9th European software engineering conference held jointly with 11th ACM SIGSOFT international symposium on Foundations of software engineering**, Volume 28 Issue 5Full text available:  pdf(202.48 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper presents PLUTO, a simple and intuitive methodology to manage the testing process of product lines, described as Product Lines Use Cases (PLUCs). PLUCs are an extension of the well-known Cockburn's Use Cases, a notation based on natural language descriptions of requirements. The proposed test methodology is based on the Category Partition method, and can be used to derive a generic Test Specification for the product line, and a set of relevant test scenarios for a customer specific app ...

Keywords: black box testing, product lines, use cases**33 Leveraging field data for impact analysis and regression testing**

Alessandro Orso, Taweesup Apiwattanapong, Mary Jean Harrold

September 2003 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 9th European software engineering conference held jointly with 11th ACM SIGSOFT international symposium on Foundations of software engineering**, Volume 28 Issue 5Full text available:  pdf(292.94 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Software products are often released with missing functionality, errors, or incompatibilities that may result in failures, inferior performances, or user dissatisfaction. In previous work, we presented the *Gamma* approach, which facilitates remote analysis and measurement of deployed software and permits gathering of program-execution data from the field. In this paper, we investigate the use of the *Gamma* approach to support and improve two fundamental tasks performed by software engineers ...

Keywords: gamma technology, impact analysis, regression testing, software engineering**34 Regression testing of GUIs**

Atif M. Memon, Mary Lou Soffa

September 2003 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 9th European software engineering conference held jointly with 11th ACM SIGSOFT international symposium on Foundations of software engineering**, Volume 28 Issue 5

Full text available: [!\[\]\(b3131996c2d47980618867ba93d92313_img.jpg\) pdf\(297.68 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Although graphical user interfaces (GUIs) constitute a large part of the software being developed today and are typically created using rapid prototyping, there are no effective regression testing techniques for GUIs. The needs of GUI regression testing differ from those of traditional software. When the structure of a GUI is modified, test cases from the original GUI are either reusable or unusable on the modified GUI. Since GUI test case generation is expensive, our goal is to make the unusabl ...

Keywords: GUI call-graph, GUI control-flow graph, GUI testing, call-tree, classification of events, regression testing, repairing test cases

35 Consistency techniques for interprocedural test data generation

Nguyen Tran Sy, Yves Deville

September 2003 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 9th European software engineering conference held jointly with 11th ACM SIGSOFT international symposium on Foundations of software engineering**, Volume 28 Issue 5

Full text available: [!\[\]\(98ed6f947b7758d2a448faade293496c_img.jpg\) pdf\(277.04 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a novel approach for automated test data generation of imperative programs containing *integer*, *boolean* and/or *float* variables. It extends our previous work to programs with procedure calls and arrays. A test program (with procedure calls) is represented by an Interprocedural Control Flow Graph (ICFG). The classical testing criteria (statement, branch, and path coverage), widely used in unit testing, are extended to the ICFG. For path coverage, the specifi ...

Keywords: arrays, consistency, constraint satisfaction, procedures, software testing, test data generation

36 A family of test adequacy criteria for database-driven applications

Gregory M. Kapfhammer, Mary Lou Soffa

September 2003 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 9th European software engineering conference held jointly with 11th ACM SIGSOFT international symposium on Foundations of software engineering**, Volume 28 Issue 5

Full text available: [!\[\]\(9fb35ce00785e0d1c8f42da5044e6593_img.jpg\) pdf\(264.38 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Although a software application always executes within a particular environment, current testing methods have largely ignored these environmental factors. Many applications execute in an environment that contains a database. In this paper, we propose a family of test adequacy criteria that can be used to assess the quality of test suites for database-driven applications. Our test adequacy criteria use dataflow information that is associated with the entities in a relational database. Furthermore ...

Keywords: database-driven applications, test adequacy criteria

37 Program testing techniques using simulated execution

Leon J. Osterweil, Lloyd D. Fosdick

July 1976 **ACM SIGSIM Simulation Digest , Proceedings of the 4th symposium on Simulation of computer systems**, Volume 7 Issue 4

Full text available:  pdf(668.99 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Simulation is proving to be a valuable technique in testing computer programs. By simulating different aspects of a program's execution and structure it is possible to detect errors and sometimes demonstrate the absence of certain errors in the program. This presentation will explore three popular testing methodologies which employ simulation techniques. Each methodology is based upon a different type of simulation of the program. The differences in error detection capability resulting from ...

38 Assessing and Improving Testing of Real-time Software using Simulation 

Dr. Joel Henry, Josh C. Stiff, Aric J Shirar

March 2003 **Proceedings of the 36th annual symposium on Simulation**

Full text available:  pdf(107.66 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

 Publisher Site

Simulation testing of real-time software provides greatadvantages in cost savings, early error detection, andrequirements clarification prior to development andhardware/software integration testing. However,simulation testing must exercise the software in ways thataccurately represent the deployment environment andcover a broad range of operational scenarios. In thispaper we will describe a method for developing simulationtests, evaluating simulation test results, and utilizing thetest evaluatio ...

39 Student research competition: Automatic identification of common and special object-oriented unit tests 

Tao Xie

October 2004 **Companion to the 19th annual ACM SIGPLAN conference on Object-oriented programming systems, languages, and applications**

Full text available:  pdf(133.14 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Common and special test inputs can be created to exercise some common and special behavior of the class under test, respectively. Although manually created tests are valuable, programmers often overlook some special test inputs. If programmers write down specifications, special or common tests can be automatically generated and selected by tools. However, specifications are not commonly written in practice. This research develops a novel approach for automatically identifying common and speci ...

Keywords: dynamic inference, test selection

40 Learning: Here, there, anywhere: remote usability testing that works 

Katherine E. Thompson, Evelyn P. Rozanski, Anne R. Haake

October 2004 **Proceedings of the 5th conference on Information technology education**

Full text available:  pdf(204.63 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Usability testing is regarded as a key element in user-centered design. Several studies from the Standish Group have shown that usability testing increases the chance of developing usable software. Companies are faced with many challenges: their customers demand usable products at reasonable costs and the customer base is distributed and diverse. Unfortunately, usability testing is often perceived as impractical due to the remote and distributed location of users, limited access to representa ...

Keywords: human-computer interaction, remote usability testing, usability testing

Results 21 - 40 of 200

Result page: [previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)

 **PORTAL**
US Patent & Trademark Office

Subscribe (Full Service) Register (Limited Service, Free) Login
 Search: The ACM Digital Library The Guide
 "correlation between training" and test

 Feedback Report a problem Satisfaction survey

Terms used **correlation between training and test**

Found 50,032 of 147,060

Sort results by relevance Save results to a Binder
 Display results expanded form Search Tips Open results in a new window

Try an Advanced Search
 Try this search in The ACM Guide

Results 41 - 60 of 200 Result page: previous 1 2 3 4 5 6 7 8 9 10 next

Best 200 shown

Relevance scale 

41 Automated Support for Development, Maintenance, and Testing in the Presence of Implicit Control Flow

May 2004 **Proceedings of the 26th International Conference on Software Engineering**

Full text available:  pdf(157.61 KB)

Additional Information: [full citation](#), [abstract](#)

 Publisher Site

Although object-oriented languages can improve programming practices, their characteristics may introduce new problems for software engineers. One important problem is the presence of implicit control flow caused by exception handling and polymorphism. Implicit control flow causes complex interactions, and can thus complicate software engineering tasks. To address this problem, we present a systematic and structured approach, for supporting these tasks, based on the static and dynamic analyses of constructs ...

42 Generating Tests from Counterexamples

May 2004 **Proceedings of the 26th International Conference on Software Engineering**

Full text available:  pdf(263.07 KB)

Additional Information: [full citation](#), [abstract](#)

 Publisher Site

We have extended the software model checker BLAST to automatically generate test suites that guarantee full coverage with respect to a given predicate. More precisely, given a C program and a target predicate p , BLAST determines the set L of program locations which program execution can reach with p true, and automatically generates a set of test vectors that exhibit the truth of p at all locations in L . We have used BLAST to generate test suites and to detect dead code in C programs with up to 30 K lines ...

43 Bi-Criteria Models for All-Uses Test Suite Reduction

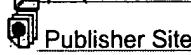
May 2004 **Proceedings of the 26th International Conference on Software Engineering**

Full text available:  pdf(188.75 KB)

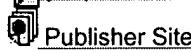
Additional Information: [full citation](#), [abstract](#)

 Publisher Site

Using bi-criteria decision making analysis, a new model for test suite minimization has been developed that pursues two objectives: minimizing a test suite with regard to a particular level of coverage while simultaneously maximizing error detection rates. This new representation makes it possible to achieve significant reductions in test suite size without experiencing a decrease in error detection rates. Using the all-uses interprocedural data flow testing criterion, two binary integer linear programm ...

44 Automated Generation of Test Programs from Closed Specifications of Classes and Test Cases**May 2004 Proceedings of the 26th International Conference on Software Engineering**Full text available: [pdf\(315.07 KB\)](#)Additional Information: [full citation](#), [abstract](#)[Publisher Site](#)

Most research on automated specification-based software testing has focused on the automated generation of test cases. Before a software system can be tested, it must be set up according to the input requirements of the test cases. This setup process is usually performed manually, especially when testing complex data structures and databases. After the system is properly set up, a test execution tool runs the system according to the test cases and pre-recorded test scripts to obtain the outputs, which are ...

45 Using Simulation to Empirically Investigate Test Coverage Criteria Based on Statechart**May 2004 Proceedings of the 26th International Conference on Software Engineering**Full text available: [pdf\(166.61 KB\)](#)Additional Information: [full citation](#), [abstract](#)[Publisher Site](#)

A number of testing strategies have been proposed using state machines and statecharts as test models in order to derive test sequences and validate classes or class clusters. Though such criteria have the advantage of being systematic, little is known on how cost effective they are and how they compare to each other. This article presents a precise simulation and analysis procedure to analyze the cost-effectiveness of statechart-based testing techniques. We then investigate, using this procedure, the co ...

46 Using test suites in evaluation of machine translation systems

Margaret King, Kirsten Falkedal

August 1990 Proceedings of the 13th conference on Computational linguistics - Volume 2Full text available: [pdf\(536.47 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#)**47 Testing and coverage: Mock object creation for test factoring**

David Saff, Michael D. Ernst

June 2004 Proceedings of the ACM-SIGPLAN-SIGSOFT workshop on Program analysis for software tools and engineeringFull text available: [pdf\(35.39 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Test factoring creates fast, focused unit tests from slow system-wide tests; each new unit test exercises only a subset of the functionality exercised by the system tests. Augmenting a test suite with factored unit tests, and prioritizing the tests, should catch errors earlier in a test run. One way to factor a test is to introduce *mock objects*. If a test exercises a component A, which is designed to issue queries against or mutate another component B, the implementation of B can be ...

Keywords: mock objects, test factoring, unit testing**48 New scan-based test techniques: Combining dictionary coding and LFSR reseeding for test data compression**

Xiaoyun Sun, Larry Kinney, Bapiraju Vinnakota

June 2004 Proceedings of the 41st annual conference on Design automation

Full text available:  pdf(292.89 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we describe a method to combine dictionary coding and partial LFSR reseeding to improve the compression efficiency for test data compression. We also present a fast matrix calculation method which significantly reduces the computation time to find a solution for partial LFSR reseeding. Experimental results on ISCAS89 benchmark circuits show that our approach is better than either dictionary coding or LFSR reseeding, and outperforms several test data compression methods proposed rece ...

Keywords: VLSI test, built-In self test

49 New scan-based test techniques: Scan-BIST based on transition probabilities

Irith Pomeranz

June 2004 **Proceedings of the 41st annual conference on Design automation**

Full text available:  pdf(56.90 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We demonstrate that it is possible to generate a deterministic test set that detects all the detectable single stuck-at faults in a full-scan circuit such that each test contains a small number of transitions from 0 to 1 or from 1 to 0 when considering consecutive input values. Using this result we show that built-in test-pattern generation for scan circuits can be based on transition probabilities instead of probabilities of specific bits in the test set being 0 or 1. The resulting approach ass ...

Keywords: built-in self-test, scan design

50 New scan-based test techniques: Scalable selector architecture for x-tolerant deterministic BIST

Peter Wohl, John A. Waicukauski, Sanjay Patel

June 2004 **Proceedings of the 41st annual conference on Design automation**

Full text available:  pdf(237.66 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

X-tolerant deterministic BIST (XDBIST) was recently presented as a method to efficiently compress and apply scan patterns generated by automatic test pattern generation (ATPG) in a logic built-in self-test architecture. In this paper we introduce a novel selector architecture that allows arbitrary compression ratios, scales to any number of scan chains and minimizes area overhead. XDBIST test-coverage, full X-tolerance and scan-based diagnosis ability are preserved and are the same as determinis ...

Keywords: test-data compression, test-generation (ATPG)

51 New scan-based test techniques: On the generation of scan-based test sets with reachable states for testing under functional operation conditions

Irith Pomeranz

June 2004 **Proceedings of the 41st annual conference on Design automation**

Full text available:  pdf(120.42 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Design-for-testability (*DFT*) for synchronous sequential circuits allows the generation and application of tests that rely on non-functional operation of the circuit. This can result in unnecessary yield loss due to the detection of faults that do not affect normal circuit operation. Considering single stuck-at faults in full-scan circuits, a test vector consists of a primary input vector *U* and a state *S*. We say that the test vector consisting of *U* and *S* relies ...

Keywords: functional tests, reachable states, scan design

52 Advanced test solutions: On test generation for transition faults with minimized peak power dissipation

Wei Li, Sudhakar M. Reddy, Irith Pomeranz

June 2004 **Proceedings of the 41st annual conference on Design automation**

Full text available:  pdf(182.38 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a method of generating tests for transition faults using tests for stuck-at faults such that the peak power is the minimum possible using a given set of tests for stuck-at faults. The proposed method is suitable for use in testing scan designs that employ enhanced scan. The method reduces the peak power consumption in benchmark circuits by 19% on the average with essentially the same test set size and the same fault coverage compared to an earlier method.

Keywords: power dissipation, test generation, transition faults

53 Advanced test solutions: Efficient on-line testing of FPGAs with provable diagnosabilities

Vinay Verma, Shantanu Dutt, Vishal Suthar

June 2004 **Proceedings of the 41st annual conference on Design automation**

Full text available:  pdf(335.66 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present novel and efficient methods for on-line testing in FPGAs. The testing approach uses a ROving TEster (ROTE), which has provable diagnosabilities and is also faster than prior FPGA testing methods. We present 1- and 2-diagnosable built-in self-tester (BISTer) designs that make up the ROTE, and that avoid expensive adaptive diagnosis. To the best of our knowledge, this is the first time that a BISTer design with diagnosability greater than one has been developed for FPGAs. We also develo ...

Keywords: FPGAs, built-in self-tester (BISTer), diagnosability, functional testing, on-line testing, roving tester (ROTE)

54 Advanced test solutions: On path-based learning and its applications in delay test and diagnosis

Li-C. Wang, T. M. Mak, Kwang-Ting Cheng, Magdy S. Abadir

June 2004 **Proceedings of the 41st annual conference on Design automation**

Full text available:  pdf(447.54 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper describes the implementation of a novel path-based learning methodology that can be applied for two purposes: (1) In a pre-silicon simulation environment, path-based learning can be used to produce a fast and approximate simulator for statistical timing simulation. (2) In post-silicon phase, path-based learning can be used as a vehicle to derive critical paths based on the pass/fail behavior observed from the test chips. Our path-based learning methodology consists of four major compo ...

Keywords: delay test, machine learning, statistical timing simulation

55 Tools and strategies for dynamic verification: Industrial experience with test generation languages for processor verification

Michael Behm, John Ludden, Yossi Lichtenstein, Michal Rimon, Michael Vinov

June 2004 **Proceedings of the 41st annual conference on Design automation**

Full text available:  pdf(91.99 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We report on our experience with a new test generation language for processor verification. The verification of two superscalar multiprocessors is described and we show the ease of expressing complex verification tasks. The cost and benefit are demonstrated: training takes up to six months; the simulation time required for a desired level of coverage has decreased by a factor of twenty; the number of escape bugs has been reduced.

Keywords: functional verification, processor verification, test generation

56 Protocol conformance test generation using multiple UIO sequences with overlapping 

B. Yang, H. Ural

August 1990 **ACM SIGCOMM Computer Communication Review , Proceedings of the ACM symposium on Communications architectures & protocols**, Volume 20 Issue 4

Full text available:  pdf(885.13 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes an optimization method for reducing the length of protocol conformance test sequences by overlapping test subsequences obtained using UIO sequences. It is shown that test sequences generated by this method are substantially shorter than those generated by other methods employing UIO sequences.

57 Papers: TSNLP: Test Suites for Natural Language Processing 

Sabine Lehmann, Stephan Oepen, Sylvie Regnier-Prost, Klaus Netter, Veronika Lux, Judith Klein, Kirsten Falkedal, Frederik Fouvy, Dominique Estival, Eva Dauphin, Hervé Compagnion, Judith Baur, Lorna Balkan, Doug Arnold

August 1996 **Proceedings of the 16th conference on Computational linguistics - Volume 2**

Full text available:  pdf(677.10 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The growing language technology industry needs measurement tools to allow researchers, engineers, managers, and customers to track development, evaluate and assure quality, and assess suitability for a variety of applications. The TSNLP (Test Suites for Natural Language Processing) project has investigated various aspects of the construction, maintenance and application of systematic test suites as diagnostic and evaluation tools for NLP applications. The paper summarizes the motivation and main ...

58 Regular papers: More accurate tests for the statistical significance of result differences 

Alexander Yeh

July 2000 **Proceedings of the 17th conference on Computational linguistics - Volume 2**

Full text available:  pdf(665.32 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Statistical significance testing of differences in values of metrics like recall, precision and balanced F-score is a necessary part of empirical natural language processing. Unfortunately, we find in a set of experiments that many commonly used tests often underestimate the significance and so are less likely to detect differences that exist between different techniques. This underestimation comes from an independence assumption that is often violated. We point out some useful tests that do not ...

59 A built-in test language for PROLOG to validate knowledge-based systems 

F. Belli, I. Camara, A. Schmidt

June 1990 **Proceedings of the third international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 2**

Full text available:  pdf(886.21 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper refines and completes the results of our previous work represented in /3/. Our present work concentrates on the implementation of a uniform, white-box test environment PROTest (PROLOG Test Environment). PROTest supports the development of object-oriented, rule and knowledge-based expert systems which will be implemented in PROLOG. PROTest assists the programmer - as well as the quality engineer - in particular to generate test cases, to exercise ...

60 Poster session 2: A new test pattern generator for high defect coverage in a BIST environment



C. Laoudias, D. Nikолос

April 2004 **Proceedings of the 14th ACM Great Lakes symposium on VLSI**

Full text available: [pdf\(211.40 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we propose a new Test Pattern Generator (TPG) for the detection of realistic faults occurring in CMOS nanometer technologies. The proposed TPG compares favorably to the corresponding already known TPGs with respect to the fault coverage obtained by test sequences of the same length. Another advantage of the proposed TPG is that the same TPG can be used for testing more than one modules in a SOC.

Keywords: built-in self test, path delay fault, stuck-at fault

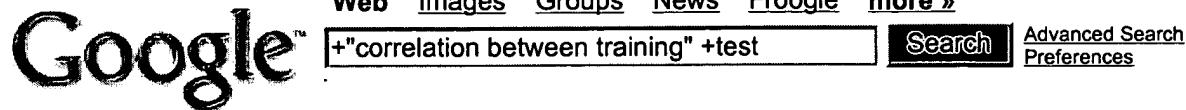
Results 41 - 60 of 200

Result page: [previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)

**Web**Results 1 - 10 of about 337 for **+“correlation between training” +test**. (0.33 seconds)**The Law of Sustainable Progression**

... when testing for your 1RM, and the next time you **test** you're able But because there is a very real **correlation between training** loads and hypertrophy, you can ...

www.myodynamics.com/articles/progression.html - 21k - [Cached](#) - [Similar pages](#)

[PDF] A Unified Spectral Transformation Adaptation Approach for Robust ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... cepstral vector space. And it reconstructs the correct **correlation between training** vectors and **test** vectors. So it can compensate ...

www.asel.udel.edu/icslp/cdrom/vol2/092/a092.pdf - [Similar pages](#)

Research

... practices in order to assist interpretation of any **correlation between training** and productivity The quantitative data were analysed to **test** for a relationship ...

www.ncver.edu.au/research/proj/nr8011e.htm - 22k - [Cached](#) - [Similar pages](#)

ACVE - Return on Investment in Training

... Results showed that all stores in the **test** regions reduced If the reasons for evaluating training are to ensure a **correlation between training** and a specific ...

www.cete.org/acve/docgen.asp?tbl=mr&ID=106 - 20k - [Cached](#) - [Similar pages](#)

[PDF] A Data Partitioning Scheme for Spatial Regression

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... model (model- fitting sub-field) and testing its accuracy (**test** sub field large to minimize the influence of spatial **correlation between training** and validation ...

divac.ist.temple.edu/~vucetic/documents/ijcnn99.pdf - [Similar pages](#)

Print Training in Western Australia - Executive Summary

... industry to place low levels of acceptance of a **correlation between training** effort and industry specific approach using the printing industry as a **test** case.

www.ieu.com.au/Publication/printexecsum.htm - 10k - [Cached](#) - [Similar pages](#)

Training of the Two-Way Shape Memory Effect by Bending in NiTi ...

... based on a set-up for the pure bending **test** has been training parameters in the transition temperatures , and the **correlation between training** and stability ...

link.aip.org/link/?JEMTA8/124/397/1 - [Similar pages](#)

[PDF] TREE SPECIES CLASSIFICATION USING ERS SAR AND MODIS NDVI IMAGES

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... holdout method data is divided to training and **test** sets (pessimistically by computing bias, root-mean-square-error and **correlation between training** data and ...

www.isprs.org/istanbul2004/comm7/papers/181.pdf - [Similar pages](#)

[PDF] Manuscript submitted to Canadian Journal of Remote Sensing ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... individual pixels as **test** data should reduce possible bias in model accuracy assessment due to spatial auto-correlation **between training** and **test** data (Campbell ...

nemo.uconn.edu/impervious_surfaces/_pdfs/Yang_etal_2003.pdf - [Similar pages](#)

A course that makes students age as they wait

... there can definitely be a debate on a direct **correlation between training** and examination One, in an era where the business schools formally **test** a student's ...
www.hinduonnet.com/thehindu/thscrip/print.pl?file=2004071900261000.htm&date=2004/07/19&&prd=mn&-16k-
Cached - Similar pages

Gooooooooogle ►

Result Page: 1 2 3 4 5 6 7 8 9 10 [Next](#)



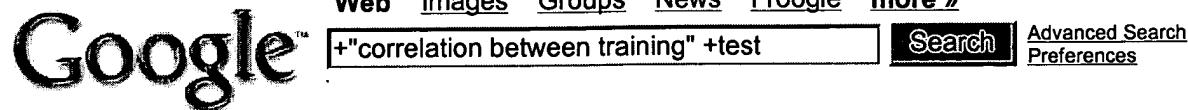
Free! [Google Desktop Search](#): Search your own computer.

[+"correlation between training" +test](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

**Web**

Results 11 - 20 of about 337 for +"correlation between training" +test. (0.39 seconds)

[PDF] 1 The Little Neuron that CouldFile Format: PDF/Adobe Acrobat - [View as HTML](#)

... looking at the performance characteristics of the standard delta rule training algorithm for SLPs and the **correlation between training** and **test** set scores as ...

axon.cs.byu.edu/papers/andersen.ijcnn1999.wag.pdf - [Similar pages](#)

[PDF] 15-681: Machine LearningFile Format: PDF/Adobe Acrobat - [View as HTML](#)

... 20-20-0 % and 90-20-0 %. . In other words, hold the **test** set size ... Is there any **correlation between training** size and overfitting (you may want to do Experiment ...

www.eecs.tulane.edu/courses/cpsc469/assignments/hw2.pdf - [Similar pages](#)

British Cycling

While there is some evidence to suggest a **correlation between training** volume and performance levels, the underlying There is no definitive **test** for diagnosis.

www.bcf.uk.com/news/2002/misic/11_coaching_overtraining.html - 13k - [Cached](#) - [Similar pages](#)

AJP - Heart and Circulatory Physiology -- Bowles et al. 275 (6) ...

The strong **correlation between training** status and VGCC density in the large arterioles (Fig. Further studies will be needed to directly **test** this hypothesis.

ajpheart.physiology.org/cgi/content/full/275/6/H2159 - [Similar pages](#)

[doc] Chapter 8 HeteroscedasticityFile Format: Microsoft Word 97 - [View as HTML](#)

One is that the justification for a one-tailed **test** is incorrect. ... In either case, the **correlation between training** and earnings might be negative instead of ...

www.oup.co.uk/doc/college/dougherty2/guide/ch03.doc - [Similar pages](#)

[PDF] does training pay? evidence from Australian enterprisesFile Format: PDF/Adobe Acrobat - [View as HTML](#)

... of training offered by the firm □ there is a positive **correlation between training** and other was to collect pilot data to **test** a number of research designs ...

www.ncver.edu.au/research/proj/nr1002/blandy.pdf - [Similar pages](#)

[More results from www.ncver.edu.au]

[PDF] Instructional technology and school reform models JAMES A. KULIK ...File Format: PDF/Adobe Acrobat - [View as HTML](#)

pretest-posttest gain on a state or local **test**. Leaguers. The size of the **correlation between training** performance and competition ...

www.plato.com/downloads/papers/paper_meta-analysis.pdf - [Similar pages](#)

Evaluation Strategies

a direct **correlation between training** activity and performance improvement; where possible, a post-training assignments which require and **test** newly acquired ...

www.dba.co.uk/tips/vol3/vol3iss5.htm - 14k - [Cached](#) - [Similar pages](#)

[doc] SUPPORTING ECONOMIC GROWTH THROUGH CONTINUOUS EDUCATION AND ...File Format: Microsoft Word 2000 - [View as HTML](#)

... sometimes the evaluation of his employer is used to **test** the return to is taken into

account.8 In other words, the **correlation between training** and literacy ...

www.oecd.org/dataoecd/36/46/1937428.doc - [Similar pages](#)

[PDF] [Modeling Rule Precision](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... a single point). Obviously, this makes the **correlation between training** and **test** precision more apparent. More interesting is a ...

www.ke.informatik.tu-darmstadt.de/~juffi/publications/ecml-pkdd-04-ws.pdf - [Similar pages](#)

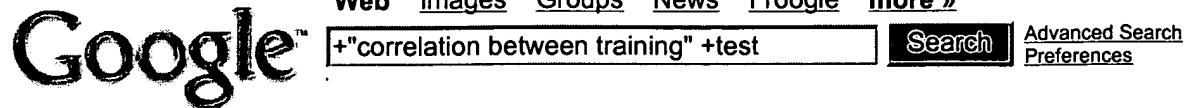
◀ Gooooooooooooogle ▶

Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

**Web**

Results 21 - 30 of about 337 for +"correlation between training" +test. (0.44 seconds)

[PDF] D-amphetamine boosts language learning independent of its ...File Format: PDF/Adobe Acrobat - [View as HTML](#)

Test) did observe a **correlation between training** success and number of cigarettes smoked daily in the AMPHETAMINE group (but not in the Placebo group).

www.acnp.org/citations/NPP03220403558/default.pdf - [Similar pages](#)

Literature Review

The authors conducted patch **test** evaluations on 101 dental hygienists ... between glutaraldehyde and formaldehyde; and the **correlation between training** methods in ...

www.brooks.af.mil/dis/4QTR03/LITERATUREREVIEW/ic2.htm - 13k - [Cached](#) - [Similar pages](#)

Artificial neural network prediction of antisense ...

... are different, with each oligo present in a **test** set exactly of the latter, an experiment was performed measuring the **correlation between training** set size and ...

nar.oupjournals.org/cgi/content/full/30/19/4295 - [Similar pages](#)

Learning to Recognize Talkers From Natural, Sinewave, and Reversed ...

... 0001, RMSE = 3.95, and performance on the sinewave **test** exceeded chance In contrast, there was no **correlation between training** and sinewave talker identification ...

cog.brown.edu:16080/courses/cg45/sheffert.htm - 101k - [Cached](#) - [Similar pages](#)

[PDF] An Evaluation of Animated Demonstrations for Learning Computer ...

File Format: PDF/Adobe Acrobat

... trials were correlated bclween the tmin- ing and delay **test** sessions within ... Yet, the **correlation between training** and testing performance for all of the groups ...

portal.acm.org/ft_gateway.cfm?id=108906&type=pdf - [Similar pages](#)

Bodybuilding.com Presents: Planet Muscle - The MMT-ST Supplement ...

... a specially selected group of them has stood the **test** of time Anecdotally, many athletes have reported a direct **correlation between training** intensity and HMB ...

www.bodybuilding.com/fun/planet18.htm - 24k - [Cached](#) - [Similar pages](#)

Training Directors Forum e-Net -- January 29, 2003

5. Airport trainers got **test** answers _____ may establish

a **correlation between training** and performance ...

www.vnulearning.com/archive/tdf012903.htm - 18k - [Cached](#) - [Similar pages](#)

[PDF] Memory for Brief Visual Stimuli 1File Format: PDF/Adobe Acrobat - [View as HTML](#)

... and New displays at above-chance levels on the recognition **test**. The lack of **correlation between training** benefits and recognition performance further suggests ...

www.wjh.harvard.edu/~jianglab/publications/OlsonJiangMC04.pdf - [Similar pages](#)

2003 Conference Proceedings

Research has shown that there is a **correlation between training** in VR and the real these principles involves the use of several basic tasks to **test** the user's ...

www.csun.edu/cod/conf/2003/proceedings/263.htm - 12k - [Cached](#) - [Similar pages](#)

[doc] [Officed of Post Compulsory Education Training and Employment](#)

File Format: Microsoft Word 2000 - [View as HTML](#)

... of RTOs failed to adequately demonstrate a clear **correlation between training** and assessment The results of this **test** are to be recorded within the training ...

www.otte.vic.gov.au/registration/docs/Call%20Centres%20Report.doc - [Similar pages](#)

◀ Gooooooooooooogle ▶

Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google